Claim Amendments:

1. (Previously Presented) A device for loading a fluid into a syringe comprising a body having a plunger slidably disposed therein and an attachment mechanism associated with the body for attaching the syringe to an injector comprising a mounting mechanism adapted to cooperate with the attachment mechanism on the syringe to mount the syringe on the injector, the device comprising:

a syringe mounting mechanism adapted to cooperate with the attachment mechanism of the syringe to attach the syringe to the device;

a drive member adapted to impart motion to the syringe plunger;

a lever arm connected to the drive member to impart reciprocal linear motion to the syringe plunger; and

a support frame defining a first slot and a second slot therein, the second slot being substantially perpendicular to the first slot, the lever arm being rotatably connected to the drive via a first pin positioned between the forward end and the rearward end of the lever arm and a second pin positioned forward of the first pin, the first pin traveling in the first slot and the second pin traveling in the second slot during rotation of the lever arm.

2-11. (Cancelled)

12. (Previously Presented) The device of claim 1 further comprising a mount that is attachable to a surface.

13. (Previously Presented) The device of claim 12 wherein the support frame is removably attachable to the mount.

18. (Currently Amended) A system comprising:

a syringe;

a powered injector to pressurize a fluid loaded into the syringe; and

an off-injector syringe loader to load fluid into the syringe, ~~wherein~~ such that the syringe loader is operable independent of the powered injector.

19. (Cancelled)

20. (Original) A system of claim 18 wherein the syringe comprises a syringe plunger slidably disposed therein and an attachment mechanism for attachment of the syringe to the powered injector, the powered injector comprises a mounting mechanism adapted to cooperate with the attachment mechanism on the syringe to mount the syringe on the injector, and the syringe loader comprises a syringe mounting mechanism adapted to cooperate with the attachment mechanism of the syringe to attach the syringe to the syringe loader and a drive member adapted to impart motion to the syringe plunger.

21. (Cancelled)

22. (Original) The system of claim 20 wherein the drive mechanism is linked to a lever arm, the lever arm being rotatable about an axis to impart reciprocal linear motion to the syringe plunger.

23-37. (Cancelled)

38. (Currently Amended) ~~The~~ A system ~~of claim 20 wherein the syringe loader further comprises~~ comprising:

a syringe comprising a syringe plunger;

a powered injector to pressurize a fluid loaded into the syringe, the powered injector comprising a drive member to impart motion to the syringe plunger; and

a syringe loader to load fluid into the syringe, the syringe loader comprising:

a lever arm connected to the drive member to impart reciprocal linear motion to the syringe plunger; and

a support frame defining a first slot and a second slot therein, the second slot being substantially perpendicular to the first slot, the lever arm being rotatably connected to the drive member via a first pin positioned between the forward end and the rearward end of the lever arm and a second pin positioned forward of the first pin, the first pin traveling in the first slot and the second pin traveling in the second slot during rotation of the lever arm.

39. (Previously Presented) The system of claim 38, further comprising a mount that is attachable to a surface.

40. (Previously Presented) The system of claim 39 wherein the support frame is removably attachable to the mount.

41. (New) The system of claim 18 wherein the powered injector and syringe loader are each adapted to removably accept the syringe.

42. (New) The system of claim 41 wherein the powered injector and syringe loader each comprise a syringe interface adapted to accept the syringe in removable interference engagement therewith.

43. (New) The system of claim 42 wherein the syringe comprises a mounting flange and the syringe interface comprises a receiving flange for forming the interference engagement with the mounting flange.

44. (New) The system of claim 43 wherein the interference engagement is formed by rotation of the mounting flange relative to the receiving flange.

45. (New) The system of claim 42 further comprising a syringe adaptor associated with the syringe and adapted for removable interference engagement with the syringe interface.

46. (New) The system of claim 45 wherein the syringe adaptor comprises a mounting flange and the syringe interface comprises a receiving flange for forming the interference engagement with the mounting flange.

47. (New) The system of claim 46 wherein the interference engagement is formed by rotation of the mounting flange relative to the receiving flange.

48. (New) The system of claim 45 wherein the syringe adaptor comprises a plunger extension for imparting motion to a syringe plunger in the syringe.

49. (New) The system of claim 18 wherein the syringe loader comprises a drive member to impart motion to a syringe plunger in the syringe.

50. (New) The system of claim 49 wherein the syringe loader comprises a lever arm connected to the drive member to impart reciprocal linear motion to the syringe plunger.